

L Number	Hits	Search Text	DB	Time stamp
1	568	lysine same polyamide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:34
2	484	((lysine same polyamide) and polymer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:35
3	1	((lysine same polyamide) and polymer) and geminal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:38
4	176	((lysine same polyamide) and polymer) and dimer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:39
5	0	PCT/JP03/05453	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:39
6	0	"PCT/JP03/05453"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:39
7	2196	hanabusa.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:39
8	252333	suzuki.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:39
9	41	hanabusa.in. and suzuki.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:42
10	6261	514/2.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:44
11	3308	530/300.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:48
12	675	530/323,332.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:49
13	2283	554/112,106,69,66,57,56,47.ccls. 564/153,152.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:49
14	6182	530/300.ccls. 530/323,332.ccls. (554/112,106,69,66,57,56,47.ccls. 564/153,152.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:50
15	273	(530/300.ccls. 530/323,332.ccls. (554/112,106,69,66,57,56,47.ccls. 564/153,152.ccls.)) and chelator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:50

16	140	((530/300.ccls. 530/323,332.ccls. (554/112,106,69,66,57,56,47.ccls. 564/153,152.ccls.)) and chelator) and polymer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:50
17	127	((((530/300.ccls. 530/323,332.ccls. (554/112,106,69,66,57,56,47.ccls. 564/153,152.ccls.)) and chelator) and polymer) and gel	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:50
18	57	(((((530/300.ccls. 530/323,332.ccls. (554/112,106,69,66,57,56,47.ccls. 564/153,152.ccls.)) and chelator) and polymer) and gel) and dimer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/20 15:50

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspal653adk

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jul 12 BEILSTEIN enhanced with new display and select options,

NEWS 4 AUG 02 resulting in a closer connection to BABS
IFIPAT/IFIUDB/IFICDB reloaded with new search and display

NEWS 5 AUG 02 fields
Caplus and CA patent records enhanced with European and Japan

NEWS 6 AUG 02 Patent Office Classifications
The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available

NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal

NEWS 9 SEP 01 status data from INPADOC
INPADOC: New family current-awareness alert (SDI)

NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder wizard within
STN Express with Discover!

NEWS 11 SEP 01 New display format, HITSTR, available in
WPIDS/WPINDEX/WPIX

NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jc(JP)
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:17:16 ON 20 OCT 2004

=> fil reg
COST IN U.S. DOLLARS SINCE FILE
TOTAL ENTRY

SESSION
FULL ESTIMATED COST 0.21

FILE 'REGISTRY' ENTERED AT 15:17:27 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6
DICTIONARY FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

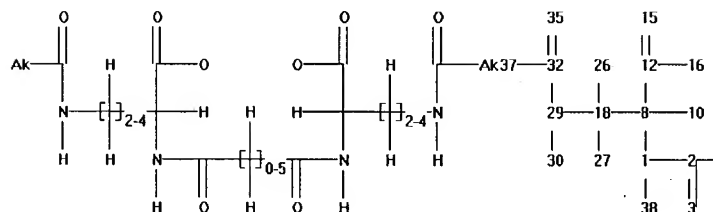
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading H:\STN queries\10777179.str



chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

chain bonds :
1-2 1-8 1-38 2-3 2-4 4-5 4-19 4-20 5-6 5-7 7-9 7-39 8-10
8-12 8-18 9-11 9-13 9-17 12-15 12-16 13-14 13-23 17-24 17-25
17-28 18-26 18-27 18-29 28-31 28-33 29-30 29-32 32-35
32-37 33-34 33-36

exact/norm bonds :
1-2 1-8 2-3 5-6 5-7 7-9 12-15 12-16 13-14 13-23 17-28 18-29
28-33 29-32 32-35 32-37 33-34 33-36

exact bonds :
1-38 2-4 4-5 4-19 4-20 7-39 8-10 8-12 8-18 9-11 9-13 9-17
17-24 17-25 18-26 18-27 28-31 29-30

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS
8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS
38:CLASS 39:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sam
SAMPLE SEARCH INITIATED 15:17:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16171 TO ITERATE

6.2% PROCESSED 1000 ITERATIONS 0
ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 315807 TO 331033
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 15:17:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 321251 TO ITERATE

87.4% PROCESSED 280616 ITERATIONS 21
ANSWERS

100.0% PROCESSED 321251 ITERATIONS 21
ANSWERS
SEARCH TIME: 00.00.26

L3 21 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS SINCE FILE
TOTAL ENTRY

SESSION
FULL ESTIMATED COST 155.84
156.05

FILE 'HCAPLUS' ENTERED AT 15:18:34 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 20 Oct 2004 VOL 141 ISS 17
FILE LAST UPDATED: 19 Oct 2004 (20041019/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 4 L3

=> d l4 1-4 ibib abs

L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:878000 HCAPLUS Full-text
DOCUMENT NUMBER: 140:181736

TITLE: L-Lysine based gemini organogelators: their organogelation properties and thermally stable organogels

AUTHOR(S): Suzuki, Masahiro; Nigawara, Tomomi; Yumoto, Mariko; Kimura, Mutsumi; Shirai, Hirofusa; Hanabusa, Kenji

CORPORATE SOURCE: Graduate School of Science and Technology, Shinshu University, Ueda, Nagano, 386-8567, Japan

SOURCE: Organic & Biomolecular Chemistry (2003), 1(22), 4124-4131

PUBLISHER: CODEN: OBCRAK; ISSN: 1477-0520

DOCUMENT TYPE: Royal Society of Chemistry

LANGUAGE: Journal English

AB Novel gemini organogelators based on L-lysine, in which two L-lysine derivs. are linked by different alkylene chain lengths through the amide bond, have been simply and effectively synthesized, and their organogelation abilities and thermal stabilities have been investigated. In a series of L-lysine Et ester derivs., the organogelation abilities decreased with increasing alkylene spacer length. In particular, bis(Nε-lauroyl-L-lysine Et ester)oxalyl amide, H23C11CONH(CH2)4CH(CO2Et)NH-CO-CO-NHCH(CO2Et)(CH2)4NHCO11H23, is a good organogelator that gels most organic solvents such as alcs., cyclic ethers, aromatic solvents and acetonitrile. Various oxalyl amide derivs. with different alkyl ester groups such as hexyl, decyl, dodecyl, 2-ethyl-1-hexyl and 3,5,5-trimethylhexyl also showed good organogelation abilities. Furthermore, it was found that the cyclohexane gels formed by some oxalyl amide derivs. have a high thermal stability.

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES

AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2004 ACS ON STN

ACCESSION NUMBER: 2003:627026 HCAPLUS Full-text

DOCUMENT NUMBER: 139:337687

TITLE: New gemini organogelators linked by oxalyl amide:

organogel formation and their thermal stabilities

AUTHOR(S): Suzuki, Masahiro; Nigawara, Tomomi; Yumoto, Mariko; Kimura, Mutsumi; Shirai, Hirofusa; Hanabusa, Kenji

CORPORATE SOURCE: Graduate School of Science and Technology, Shinshu University, Ueda, Nagano, 386-8567, Japan

SOURCE: Tetrahedron Letters (2003), 44(36), 6841-6843

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 139:337687

AB New gemini organogelators linked by an oxalyl amide that can be easily, effectively, and cheaply synthesized have good organogelation abilities and their cyclohexane gels have superior thermal stabilities; especially 7 possessing the branched alkyl ester can gel at 0.7 wt% cyclohexane even at 70°C.

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES

AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2004 ACS ON STN

ACCESSION NUMBER: 1997:334995 HCAPLUS Full-text

DOCUMENT NUMBER: 127:51064

TITLE: Synthesis and characterization of random and regular L-lysine-based polyamides

AUTHOR(S): Sekiguchi, Hikaru

CORPORATE SOURCE: Gachard, Isabelle; Coutin, Bernard; Laboratoire Chimie Macromoléculaire, Université Pierre et Marie Curie, Paris, F-75252, Fr.

SOURCE: Macromolecular Chemistry and Physics (1997), 198(5), 1375-1389

CODEN: MCHPES; ISSN: 1022-1352

PUBLISHER: Huethig & Wepf

DOCUMENT TYPE: Journal English

LANGUAGE: English

AB The synthesis of polyamides based on the natural diamine L-lysine and diacids, adipic or glutaric acid, is described. They were obtained by polycondensation of active diesters, pentachlorophenyl, and pentafluorophenyl esters. L-Lysine being non-sym., aregular (random), and syndioregular (head-to-head, tail-to-tail) poly(adipoyl-L-lysine)s and poly(glutaryl-L-lysine)s were obtained with mol. wts. > 15,000 while isoregular (head-to-tail) poly(adipoyl-L-lysine)s and poly(glutaryl-L-lysine)s were prepared with lower mol. wts.

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2004 ACS ON STN

ACCESSION NUMBER: 1968:13536 HCAPLUS Full-text

DOCUMENT NUMBER: 68:13536

TITLE: Optically active polyamides with regular structural sequences prepared from α-amino acids

AUTHOR(S): Saitome, Kazuo; Schulz, Rolf Christian

CORPORATE SOURCE: Univ., Mainz, Mainz, Fed. Rep. Ger.

SOURCE: Makromolekulare Chemie (1967), 109, 239-48

CODEN: MACEAK; ISSN: 0025-116X

DOCUMENT TYPE: Journal English

LANGUAGE: English

AB Optically active polyamides with regular structural sequences were prepd. from L-lysine and adipic acid. An optically active sym. diamine, N,N'-bis(L-5-amino-5-carboxyamyl) adipamide, m. 305° (decomposition), was obtained by treating L-lysine with adipoyl chloride (I) in the presence of Cu2+. The interfacial polycondensation of this diamine with I gave a regular polymer, while the polycondensation of L-lysine with I gave an irregular polymer of the same anal. composition. The m.ps., optical rotations, and the O.R.D. curves of these polymers were investigated.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

DICTIONARY FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

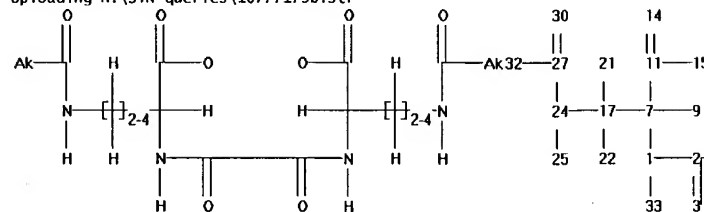
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: <http://www.cas.org/ONLINE/DBSS/registryss.html>

=> Uploading H:\STN queries\10777179b.str



chain nodes : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

chain bonds : 21 22 23 24 25 26 27 28 29 30 31 32 33 34

1-2 1-7 1-33 2-3 2-4 4-6 4-5 6-8 6-34 7-9 7-11 7-17 8-10

8-12 8-16 11-14 11-15 12-13 12-18 16-19 16-20 16-23 17-21

17-22 17-24 23-26 23-28 24-25 24-27 27-30 27-32 28-29 28-31

exact/norm bonds : 1-2 1-7 2-3 4-6 4-5 6-8 11-14 11-15 12-13 12-18 16-23 17-24 23-28 24-27 27-30 27-32 28-29 28-31

exact bonds : 1-33 2-4 6-34 7-9 7-11 7-17 8-10 8-12 8-16 16-19 16-20 17-21 17-22 23-26 24-25

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS

8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS

15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS

22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS

29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS

=> FIL STNGUIDE

COST IN U.S. DOLLARS SINCE FILE

TOTAL ENTRY

SESSION FULL ESTIMATED COST 12.56

168.61

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE

TOTAL ENTRY

SESSION CA SUBSCRIBER PRICE -2.80 -

2.80

FILE 'STNGUIDE' ENTERED AT 15:19:09 ON 20 OCT 2004

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Oct 15, 2004 (20041015/UP).

=> FIL REGISTRY

COST IN U.S. DOLLARS SINCE FILE

TOTAL ENTRY

SESSION FULL ESTIMATED COST 0.24

168.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE

TOTAL ENTRY

SESSION CA SUBSCRIBER PRICE 0.00 -

2.80

FILE 'REGISTRY' ENTERED AT 15:21:19 ON 20 OCT 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

L5 STRUCTURE UPLOADED

=> s 15 ful
FULL SEARCH INITIATED 15:22:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7829 TO ITERATE

100.0% PROCESSED 7829 ITERATIONS
ANSWERS
SEARCH TIME: 00.00.01

L6 7 SEA SSS FUL L5

=> file hcaplus
COST IN U.S. DOLLARS SINCE FILE
TOTAL ENTRY
SESSION
FULL ESTIMATED COST 155.84
324.69
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE
TOTAL ENTRY
SESSION
CA SUBSCRIBER PRICE 0.00
2.80

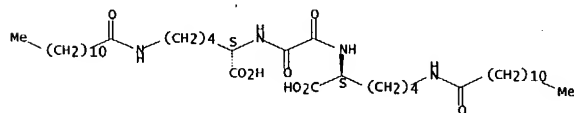
FILE 'HCAPLUS' ENTERED AT 15:22:22 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 20 Oct 2004 VOL 141 ISS 17
FILE LAST UPDATED: 19 Oct 2004 (20041019/ED)

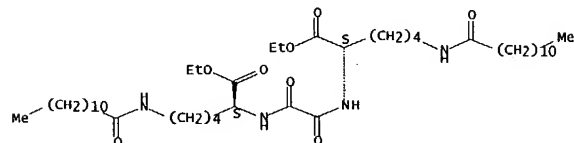
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 16



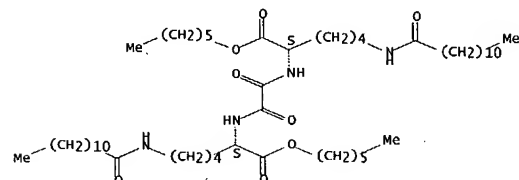
RN 615584-81-1 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, diethyl ester (9CI) (CA INDEX NAME)]

Absolute stereochemistry.



RN 615584-82-2 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, diethyl ester (9CI) (CA INDEX NAME)]

Absolute stereochemistry.



RN 615584-83-3 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, didecyl ester (9CI) (CA INDEX NAME)]

L7 2 L6

=> d 17 1-2 ibib abs hitstr

L7 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:878000 HCAPLUS Full-text
DOCUMENT NUMBER: 140:181736
TITLE: L-Lysine based gemini organogelators: their organogelation properties and thermally

stable organogels
AUTHOR(S): Suzuki, Masahiro; Nigawara, Tomomi; Yumoto, Mariko;
Kimura, Mutsumi; Shirai, Hirofusa; Hanabusa,

Kenji
CORPORATE SOURCE: Graduate School of Science and Technology,
Shinshu University, Ueda, Nagano, 386-8567, Japan

SOURCE: Organic & Biomolecular Chemistry (2003),
1(22),

4124-4131
CODEN: OBCRAK; ISSN: 1477-0520
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English

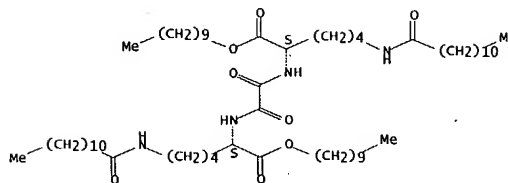
AB Novel gemini organogelators based on L-lysine, in which two L-lysine derivs. are linked by different alkylene chain lengths through the amide bond, have been simply and effectively synthesized, and their organogelation abilities and thermal stabilities have been investigated. In a series of L-lysine Et ester derivs., the organogelation abilities decreased with increasing alkylene spacer length. In particular, bis(Ne-lauroyl-L-lysine Et ester)oxalyl amide, H23C11CONH(CH2)4CH(CO2Et)NH-CO-CO-NHCH(CO2Et)(CH2)4NHCOCl1H23, is a good organogelator that gels most organic solvents such as alcs., cyclic ethers, aromatic solvents and acetonitrile. Various oxalyl amide derivs. with different alkyl ester groups such as hexyl, decyl, dodecyl, 2-ethyl-1-hexyl and 3,5,5-trimethylhexyl also showed good organogelation abilities. Furthermore, it was found that the cyclohexane gels formed by some oxalyl amide derivs. have a high thermal stability.

IT 615584-80-0P 615584-81-1P 615584-82-2P
615584-83-3P 615584-84-4P 615584-85-5P
615584-86-6P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation, organogelation property and thermal stability of bis-lysine amides linked by alkylene chains)

RN 615584-80-0 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)- (9CI) (CA INDEX NAME)]

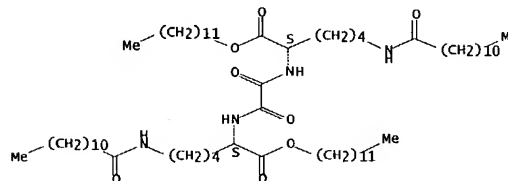
Absolute stereochemistry.

Absolute stereochemistry.



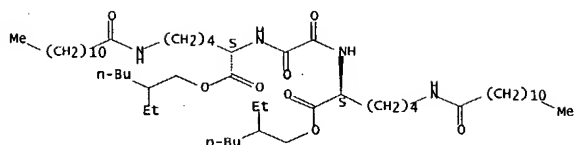
RN 615584-84-4 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, didodecyl ester (9CI) (CA INDEX NAME)]

Absolute stereochemistry.



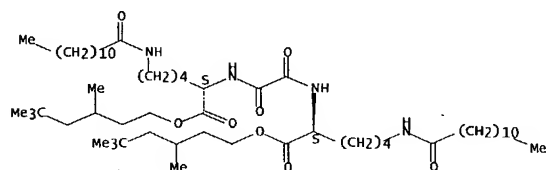
RN 615584-85-5 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)]

Absolute stereochemistry.



RN 615584-86-6 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-bis(3,5,5-trimethylhexyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

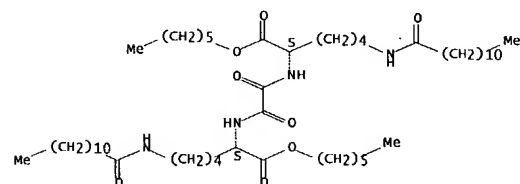


REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES
AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT

L7 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:627026 HCAPLUS Full-text
DOCUMENT NUMBER: 139:337687
TITLE: New gemini organogelators linked by oxalyl
amide: organogel formation and their thermal
stabilities Suzuki, Masahiro; Nigawara, Tomomi; Yumoto,
AUTHOR(S): Mariko; Kimura, Mutsumi; Shirai, Hirofusa; Hanabusa,
Kenji
CORPORATE SOURCE: Graduate School of Science and Technology,
Shinshu University, Ueda, Nagano, 386-8567, Japan
SOURCE: Tetrahedron Letters (2003), 44(36), 6841-
6843 CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science B.V.

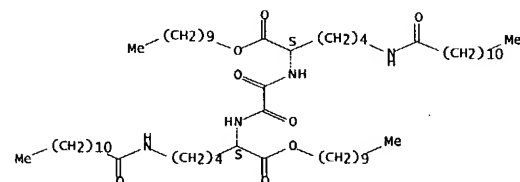
oxododecyl)-, dihexyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 615584-83-3 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-didodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 615584-84-4 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-didodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

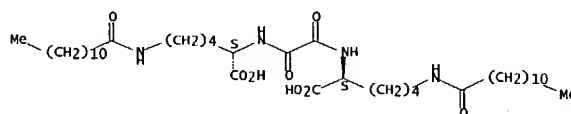
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:337687
AB New gemini organogelators linked by an oxalyl amide that can be easily, effectively, and cheaply synthesized have good organogelation abilities and their cyclohexane gels have superior thermal stabilities; especially 7 possessing the branched alkyl ester can gel at 0.7 wt% cyclohexane even at 70°C.

IT 615584-80-0P 615584-81-1P 615584-82-2P
615584-83-3P 615584-84-4P 615584-85-5P
615584-86-6P

RL: PRP (Properties); SPN (Synthetic preparation); PREP
(Preparation)
(NMR and FT-IR on gelation of prepared gemini oxalyl-amide linked organogelators)

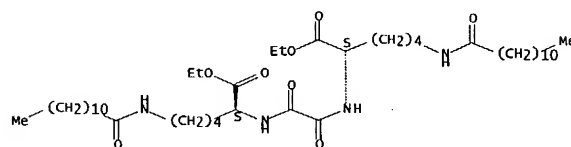
RN 615584-80-0 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

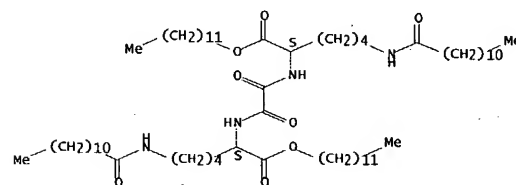


RN 615584-81-1 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

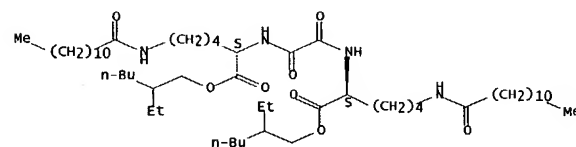


RN 615584-82-2 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-diethyl ester (9CI) (CA INDEX NAME)



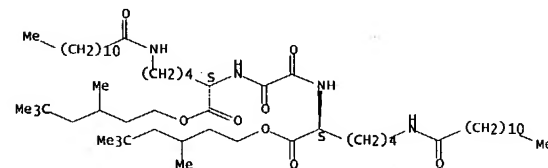
RN 615584-85-5 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 615584-86-6 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyloxy)bis[N6-(1-oxododecyl)-bis(3,5,5-trimethylhexyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES

AVAILABLE FOR THIS
RE FORMAT

RECORD. ALL CITATIONS AVAILABLE IN THE

=> FIL STNGUIDE
COST IN U.S. DOLLARS
TOTAL

SINCE FILE

SESSION
FULL ESTIMATED COST
338.93

ENTRY

14.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
TOTAL

SINCE FILE

ENTRY

SESSION
CA SUBSCRIBER PRICE
4.20

-1.40

FILE 'STNGUIDE' ENTERED AT 15:23:49 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: OCT 15, 2004 (20041015/UP).

=> FIL REGISTRY
COST IN U.S. DOLLARS
TOTAL

SINCE FILE

SESSION
FULL ESTIMATED COST
339.29

ENTRY

0.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
TOTAL

SINCE FILE

ENTRY

SESSION
CA SUBSCRIBER PRICE
4.20

0.00

FILE 'REGISTRY' ENTERED AT 15:27:12 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6
DICTIONARY FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when

DICTIONARY FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

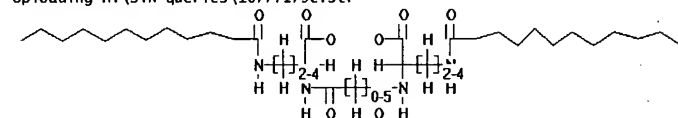
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for
details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> Uploading H:\STN queries\10777179c.str



chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
61 62 63

chain bonds :
1-2 1-8 2-3 2-4 4-5 4-19 4-20 5-6 5-7 7-9 7-39 8-10
8-12 8-18 9-11 9-13 9-17 12-15 12-16 13-14 13-23 17-24 17-25
17-28 18-26 18-27 18-29 28-31 28-33 29-30 29-32 32-35
32-37 33-34 33-36 36-44 37-54 44-45 45-46 46-47 47-48 48-49
49-50 50-51 51-52 52-53 54-55 55-56 56-57 57-58 58-59 59-60
60-61 61-62 62-63

exact/norm bonds :
1-2 1-8 2-3 5-6 5-7 7-9 12-15 12-16 13-14 13-23 17-28 18-29
28-33 29-32 32-35 33-34

exact bonds :
1-38 2-4 4-5 4-19 4-20 7-39 8-10 8-12 8-18 9-11 9-13 9-17
17-24 17-25 18-26 18-27 28-31 29-30 32-37 33-36 36-44 37-54
44-45 45-46 46-47 47-48 48-49 49-50 50-51 51-52 52-53 54-55
55-56 56-57 57-58 58-59 59-60 60-61 61-62 62-63

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS
8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS
38:CLASS 39:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS
49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS
56:CLASS 57:CLASS 58:CLASS 59:CLASS 60:CLASS 61:CLASS 62:CLASS

conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for
details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> FIL STNGUIDE
COST IN U.S. DOLLARS
TOTAL

SINCE FILE

SESSION
FULL ESTIMATED COST
342.23

ENTRY

2.94

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
TOTAL

SINCE FILE

ENTRY

SESSION
CA SUBSCRIBER PRICE
4.20

0.00

FILE 'STNGUIDE' ENTERED AT 15:31:14 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: OCT 15, 2004 (20041015/UP).

=> FIL REGISTRY
COST IN U.S. DOLLARS
TOTAL

SINCE FILE

SESSION
FULL ESTIMATED COST
342.35

ENTRY

0.12

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
TOTAL

SINCE FILE

ENTRY

SESSION
CA SUBSCRIBER PRICE
4.20

0.00

FILE 'REGISTRY' ENTERED AT 15:32:29 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

63:CLASS

L8 STRUCTURE UPLOADED

=> s 18 ful
FULL SEARCH INITIATED 15:33:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 342183 TO ITERATE

100.0% PROCESSED 342183 ITERATIONS
ANSWERS
SEARCH TIME: 00.00.08

17

L9 17 SEA SSS FUL L8

=> fil hcaplus
COST IN U.S. DOLLARS
TOTAL

SINCE FILE

SESSION
FULL ESTIMATED COST
497.77

ENTRY

155.42

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
TOTAL

SINCE FILE

ENTRY

SESSION
CA SUBSCRIBER PRICE
4.20

0.00

FILE 'HCAPLUS' ENTERED AT 15:33:19 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in
searching
databases on STN. Any dissemination, distribution, copying, or
storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 20 Oct 2004 VOL 141 ISS 17
FILE LAST UPDATED: 19 Oct 2004 (20041019/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 19
L10 2 L9
=> d 110 1-2 ibib abs hitstr

L10 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:878000 HCAPLUS Full-text
DOCUMENT NUMBER: 140:181736
TITLE: L-Lysine based gemini organogelators: their
organogelation properties and thermally
stable
organogels
AUTHOR(S): Suzuki, Masahiro; Nigawara, Tomomi; Yumoto,
Mariko;
Kimura, Mutsumi; Shirai, Hirofusa; Hanabusa,
Kenji
CORPORATE SOURCE: Graduate School of Science and Technology,
Shinshu
University, Ueda, Nagano, 386-8567, Japan
SOURCE: Organic & Biomolecular Chemistry (2003),
1(22),
4124-4131
CODEN: ORCRAK; ISSN: 1477-0520
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English

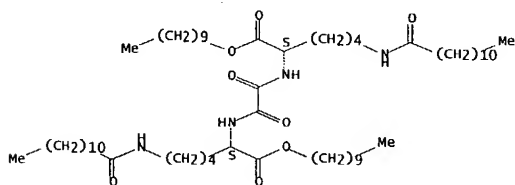
AB Novel gemini organogelators based on L-lysine, in which two L-lysine derivs. are linked by different alkylene chain lengths through the amide bond, have been simply and effectively synthesized, and their organogelation abilities and thermal stabilities have been investigated. In a series of L-lysine Et ester derivs., the organogelation abilities decreased with increasing alkylene spacer length. In particular, bis(Nε-lauroyl-L-lysine Et ester)oxalyl amide, H23C11CONH(CH2)4CH(CO2Et)NH-CO-CO-NHCH(CO2Et)(CH2)4NHCOCH11H23, is a good organogelator that gels most organic solvents such as alcs., cyclic ethers, aromatic solvents and acetonitrile. Various oxalyl amide derivs. with different alkyl ester groups such as hexyl, decyl, dodecyl, 2-ethyl-1-hexyl and 3,5,5-trimethylhexyl also showed good organogelation abilities. Furthermore, it was found that the cyclohexane gels formed by some oxalyl amide derivs. have a high thermal stability.
IT 615584-80-0P 615584-81-1P 615584-82-2P
615584-83-3P 615584-84-4P 615584-85-5P
615584-86-6P 658051-84-4P 658051-85-5P
658051-86-6P 658051-87-7P 658051-88-8P
658051-93-5P 658051-94-6P 658051-95-7P
658051-96-8P 658051-97-9P
RL: PRP (Properties); SPN (Synthetic preparation); PREP
(Preparation)

(preparation, organogelation property and thermal stability of bis-lysine amides linked by alkylene chains)

RN 615584-80-0 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]- (9CI)
ester (9CI) (CA INDEX NAME)

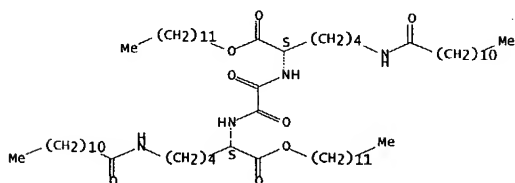
RN 615584-83-3 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]-, didecyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 615584-84-4 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]-, didodecyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

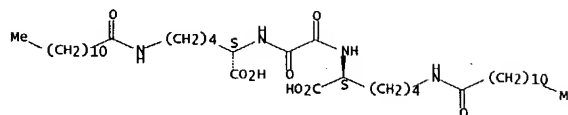


RN 615584-85-5 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]-, bis(2-ethylhexyl)
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

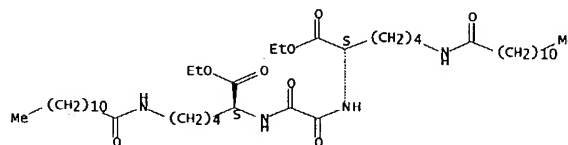
(CA INDEX NAME)

Absolute stereochemistry.



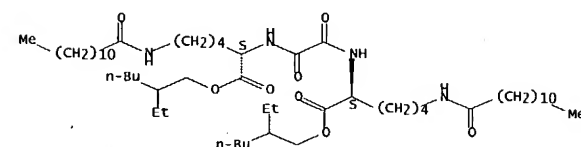
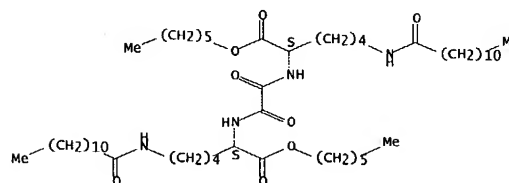
RN 615584-81-1 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]-, diethyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



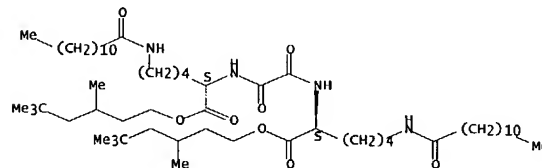
RN 615584-82-2 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]-, diethyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



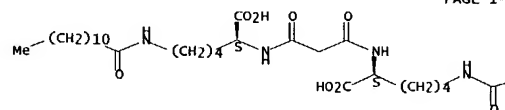
RN 615584-86-6 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)]-,
bis(3,5,5-trimethylhexyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 658051-84-4 HCAPLUS
CN L-Lysine, N2,N2'-(1,3-dioxo-1,3-propanediyl)bis[N6-(1-oxododecyl)]- (9CI)
(CA INDEX NAME)

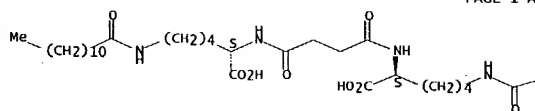
Absolute stereochemistry.



$$-(CH_2)_{10}-Me$$

RN 658051-85-5 HCAPLUS
CN L-Lysine, N2,N2'-(1,4-dioxo-1,4-butanediyl)bis[N6-(1-oxododecyl)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



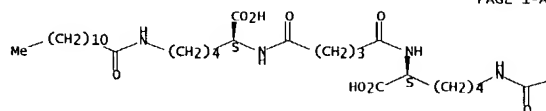
PAGE 1-A

PAGE 1-B

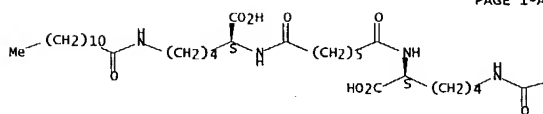
$$-(CH_2)_{10}-Me$$

RN 658051-86-6 HCAPLUS
CN L-Lysine, N2,N2'-(1,5-dioxo-1,5-pentenediyl)bis[N6-(1-oxododecyl)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A



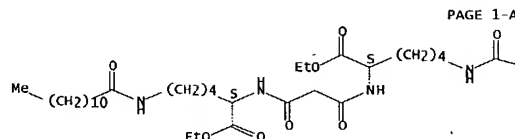
PAGE 1-A

PAGE 1-B

$$-(CH_2)_{10}-Me$$

RN 658051-93-5 HCAPLUS
CN L-lysine, N2,N2'-(1,3-dioxo-1,3-propanediyl)bis[N6-(1-oxododecyl)-,
diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

PAGE 1-B

$$-(CH_2)_{10}Me$$

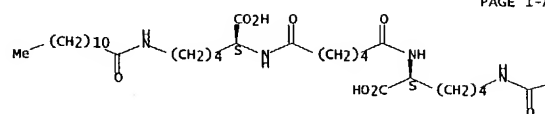
RN 658051-94-6 HCAPLUS
CN L-Lysine, N2,N2'-(1,4-dioxo-1,4-butanediyl)bis[N6-(1-oxododecyl)-, diethyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$-(\text{CH}_2)_{10}-\text{MP}$$

RN 658051-87-7 HCAPLUS
CN L-Lysine, N2,N2'-(1,6-dioxo-1,6-hexanediyl)bis[N6-(1-oxododecyl)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



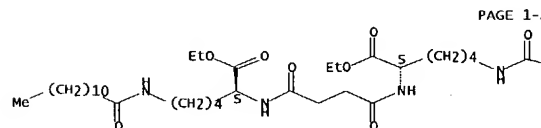
PAGE 1-A

PAGE 1-B

$$-(CH_2)_{10}-Me$$

RN 658051-88-8 HCAPLUS
CN L-Lysine, N2,N2'-(1,7-dioxo-1,7-heptanediyl)bis[N6-(1-oxododecyl)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



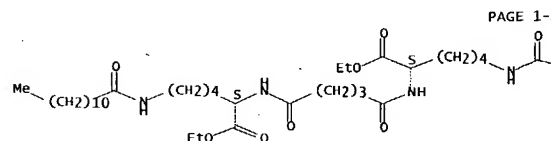
PAGE 1-A

PAGE 1-B

$$-(CH_2)_{10}^{Me}$$

RN 658051-95-7 HCAPLUS
CN L-Lysine, N2,N2'-(1,5-dioxo-1,5-pentanediy)bis[N6-(1-oxododecyl)-,
diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

PAGE 1-B

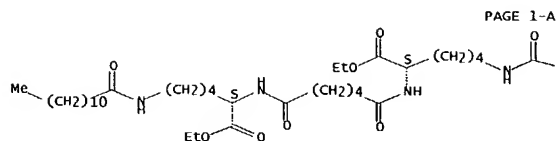
$$-(CH_2)_{10}Me$$

```

RN      658051-96-8  HCAPLUS
CN      L-Lysine, N2,N2'-(1,6-dioxo-1,6-hexanediyl)bis[N6-(1-
oxododecyl)-, diethyl
        ester (9CI)  (CA INDEX NAME)

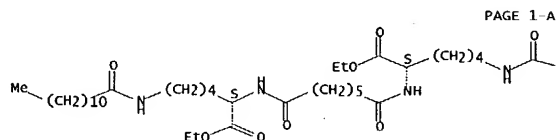
```

Absolute stereochemistry.



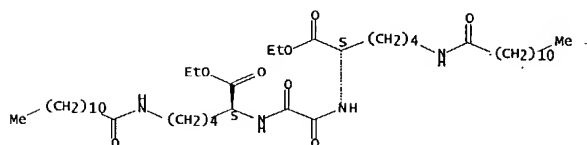
RN 658051-97-9 HCAPLUS
CN L-Lysine, N2,N2'-(1,7-dioxo-1,7-heptanediyl)bis[N6-(1-oxododecyl)-, diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



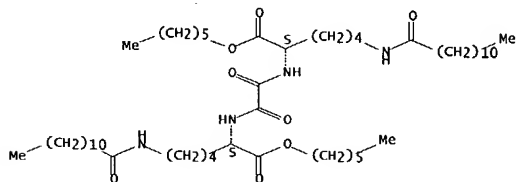
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES
AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT

L10 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:627026 HCAPLUS Full-text
DOCUMENT NUMBER: 139:337687



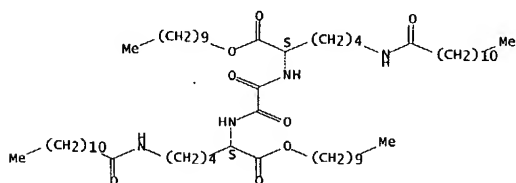
RN 615584-82-2 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, dihexyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 615584-83-3 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, didodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



TITLE: New gemini organogelators linked by oxalyl
amide: organogel formation and their thermal
stabilities
AUTHOR(S): Suzuki, Masahiro; Nigawara, Tomomi; Yumoto,
Mariko; Kimura, Mutsumi; Shirai, Hirofusa; Hanabusa,
Kenji
CORPORATE SOURCE: Graduate School of Science and Technology,
Shinshu University, Ueda, Nagano, 386-8567, Japan
SOURCE: Tetrahedron Letters (2003), 44(36), 6841-
6843

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:337687

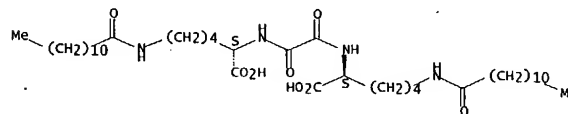
AB New gemini organogelators linked by an oxalyl amide that can be easily, effectively, and cheaply synthesized have good organogelation abilities and their cyclohexane gels have superior thermal stabilities; especially 7 possessing the branched alkyl ester can gel at 0.7 wt% cyclohexane even at 70°C.

IT 615584-80-0P 615584-81-1P 615584-82-2P
615584-83-3P 615584-84-4P 615584-85-5P
615584-86-6P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(NMR and FT-IR on gelation of prepared gemini oxalyl-amide linked organogelators)

RN 615584-80-0 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

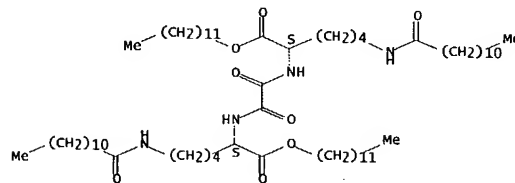


RN 615584-81-1 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

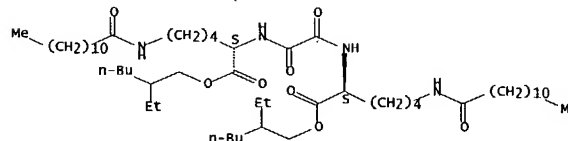
RN 615584-84-4 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, didodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



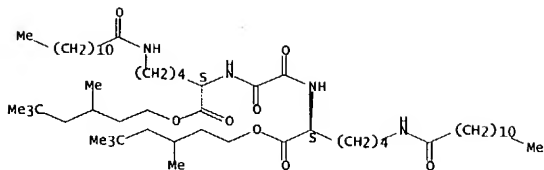
RN 615584-85-5 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, bis(2-ethylhexyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 615584-86-6 HCAPLUS
CN L-Lysine, N2,N2'-(1,2-dioxo-1,2-ethanediyl)bis[N6-(1-oxododecyl)-, bis(3,5,5-trimethylhexyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES
 AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE
 RE FORMAT

=> DIS HIST

(FILE 'HOME' ENTERED AT 15:17:16 ON 20 OCT 2004)
 FILE 'REGISTRY' ENTERED AT 15:17:27 ON 20 OCT 2004
 L1 STRUCTURE UPLOADED
 L2 0 S L1 SAM
 L3 21 S L1 FUL
 FILE 'HCAPLUS' ENTERED AT 15:18:34 ON 20 OCT 2004
 L4 4 S L3
 FILE 'STNGUIDE' ENTERED AT 15:19:09 ON 20 OCT 2004
 FILE 'REGISTRY' ENTERED AT 15:21:19 ON 20 OCT 2004
 L5 STRUCTURE UPLOADED
 L6 7 S L5 FUL
 FILE 'HCAPLUS' ENTERED AT 15:22:22 ON 20 OCT 2004
 L7 2 S L6
 FILE 'STNGUIDE' ENTERED AT 15:23:49 ON 20 OCT 2004
 FILE 'REGISTRY' ENTERED AT 15:27:12 ON 20 OCT 2004
 FILE 'STNGUIDE' ENTERED AT 15:31:14 ON 20 OCT 2004
 FILE 'REGISTRY' ENTERED AT 15:32:29 ON 20 OCT 2004
 L8 STRUCTURE UPLOADED
 L9 17 S L8 FUL
 FILE 'HCAPLUS' ENTERED AT 15:33:19 ON 20 OCT 2004
 L10 2 S L9

=>

---Logging off of STN---

=>
 Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE
TOTAL	ENTRY
SESSION	
FULL ESTIMATED COST	14.24
512.01	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE
TOTAL	ENTRY
SESSION	
CA SUBSCRIBER PRICE	-1.40
5.60	
STN INTERNATIONAL LOGOFF AT 15:34:38 ON 20 OCT 2004	